

B¹ amended.
2. (Twice Amended) The electric motor as recited in claim 1, wherein the plurality of motor sections includes:

a first motor section having a first modular rotor section and a first modular stator section; and

a second motor section having a second modular rotor section coupleable to the first modular rotor section and a second modular stator section electrically coupleable to the first stator section, wherein electricity flowing through the first and second modular stator sections produces a magnetic field to impart rotative motion in the rotor.

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12. (Second Amended) A submersible pumping system, comprising:

a submersible electric motor, comprising:

a plurality of motor sections, wherein the plurality of motor sections are mechanically and electrically coupleable to form a motor of a desired length, each motor section comprising:

a modular rotor section coupleable to an adjacent modular rotor section of an adjacent motor section to form a rotor; and

a modular stator section coupleable to an adjacent modular stator section of the adjacent motor section; and

a bottom motor section coupleable to one of the plurality of modular motor sections to complete electrically a stator formed by the plurality of modular stator sections and the bottom motor section; and

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amcl'd.

a submersible pump drivingly coupled to the rotor of the submersible electric motor.

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20. (Amended) The electric motor as recited in claim 2, comprising a third motor section adapted to complete electrically the single stator formed by the first modular stator section and the second modular stator section.

21. (Amended) The electric motor as recited in claim 1, wherein each modular stator section comprises a first stator winding extending linearly through the modular stator section to a second stator winding extending linearly through an adjacent modular stator section.

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23. (Amended) An electric motor, comprising:

a plurality of motor sections, wherein the plurality of motor sections are mechanically and electrically coupleable to form a motor of a desired length, each motor section including a modular rotor section and a modular stator section having conductors extending longitudinally therethrough to produce a rotating magnetic field to impart rotative motion to a rotor disposed therein.

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25. (Amended) The electric motor as recited in claim 23, comprising a bottom motor section adapted to complete electrically the modular stator sections.
